

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DISTRICT OFFICE 000

WELL RECORD 4 PM 3 02

				X			

AREA 640 ACRES
LOCATE WELL CORRECTLY

TEXACO Inc.

U. D. Sawyer

(Company or Operator)

(Lease)

Well No. 3 in NE 1/4 of SE 1/4 of Sec. 34, T. 9-S, R. 36-E, NMPM.

Crossroads

Pool,

Lea

County.

Well is 2310 feet from South line and 990 feet from East line

of Section 34 If State Land the Oil and Gas Lease No. is None

Drilling Commenced October 9, 1959 Drilling was Completed December 1, 1959

Name of Drilling Contractor Sharp Drilling Company

Address P.O. Box 1271, Midland, Texas

Elevation above sea level at Top of Tubing Head 4030' (D.F.)
May 1960 The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from None to (Open Hole) No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

Drilled with rotary tools and no water sands tested.

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48:00	New	341'	Baker	None	None	Surface
8 5/8"	24:00	New	4144'	Howco	None	None	Production
5 1/2"	17:00	New	12,152'	Baker	None	None	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	361'	400	Howco		
11"	8 5/8"	4159'	2200	Howco		
6 3/4"	5 1/2"	12,164'	350	Howco		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Acidize open hole from 12,164' to 12,172' with 500 gals regular 15% acid

at 33 BPM. Re-acidize with 1000 gals regular 15% LST acid at 1.7 BPM.

Shut in, install Kobe pump equipment.

Result of Production Stimulation On 15-hr PT well pumped 421 BO and no wtr ending 4:00 P.M.,
January 31, 1960. Gravity - 45.1, GOR - TSTM, Top of Pay - 12,164', Btm
of Pay 12,172', NMCCC Date - December 1, 1959
TEXACO Inc. Date - Jan. 31, 1960 open Hole 12,164' to 12,172'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 12,172 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 30 1960
OIL WELL: The production during the first 24 hours was 674 barrels of liquid of which 100% was oil; 45.1% was emulsion; % water; and % was sediment. A.P.I. Gravity.
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		12,170'	Northwestern New Mexico	
T. Anhy.	2208'	T. Devonian	T. Ojo Alamo	
T. Salt.	2315'	T. Silurian	T. Kirtland-Fruitland	
B. Salt.	2788'	T. Montoya	T. Farmington	
T. Yates	2850'	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers		T. McKee	T. Menefee	
T. Queen		T. Ellenburger	T. Point Lookout	
T. Grayburg	4127'	T. Gr. Wash	T. Mancos	
T. San Andres	5553'	T. Granite	T. Dakota	
T. Glorieta		T.	T. Morrison	
T. Drinkard	6942'	T. Penn		
T. Tubbs	7710'	DST No. 1 - From 12,143' to 12,172', tool open with fair blow air and continued thruout test. No gas or fluid to surface. Reverse out 2300' WB and 45' BO, no wtr. 30-MISI-4740. IF-1140, FF-1975, 30-MFSI-4582 HI-6330, HQ-6255, Job Complete 6:50 PM 12-2-59.		
Wolfcamp	9947'			
T. Penn	11,603'			
T. Miss				

FORMATION RECORD

				Deviation Record			
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	30	30	Caliche		Depth		Degrees Off
30	2170	2140	Redbed		300'		1/2
2170	2263	93	Anhy & Gyp		1550'		3/4
2263	2603	340	Anhy, Gyp, Salt'		2180'	1	1/4
2603	3530	927	Anhy, Salt		2600'		1/2
3530	4160	630	Anhy		2800'		1/2
4160	7667	3507	Lime		3640'	1	
7667	7720	53	Lime & Shale		4030'		3/4
7720	7862	142	Shale		4580'		3/4
7862	8244	382	Lime & Shale		4970'		1/2
8244	9393	1149	Lime		5339'		1/2
9393	9808	415	Lime & Shale		5743'	0	
9808	10782	974	Lime		6160'		1/2
10782	10913	131	Lime & Sand		6885'	1	
10913	11169	256	Lime		7090'	1	
11169	11484	315	Lime & Shale		7540'		1/4
11484	12172	688	Lime		8240'	1	
Total Depth 12,172					8725'	1	
Open Hole 12,164 12,172					9000'		1/2
Estimate 7007					9300'		1/2
4 - NMOCC					10000'		1/2
1 - Division					10300'		1/2
1 - Field					10810'		1/2
1 - File					11250'	3	1/4
					11750'	2	
					11980'	1	3/4
					12,172'	1	3/4

All measurements from rotary table or 10' above ground level. ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

TEXACO Inc.

Midland, Texas February 2, 1960

Company or Operator

P.O. Box 352, Midland, Texas

Name

Assistant District Supt.